

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/537,142  
Source: 1FwP  
Date Processed by STIC: 8/2/06

***ENTERED***



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/537,142

DATE: 08/02/2006

TIME: 09:02:36

Input Set : A:\Nov05.txt

Output Set: N:\CRF4\08022006\J537142.raw

3 <110> APPLICANT: ARES TRADING S.A.  
 5 <120> TITLE OF INVENTION: SPLICE VARIANT  
 7 <130> FILE REFERENCE: P032575WO  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/537,142  
 C--> 10 <141> CURRENT FILING DATE: 2005-06-02  
 12 <150> PRIOR APPLICATION NUMBER: GB 0228441.2  
 13 <151> PRIOR FILING DATE: 2002-12-05  
 15 <160> NUMBER OF SEQ ID NOS: 26  
 17 <170> SOFTWARE: SeqWin99, version 1.02  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 181  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 24 <400> SEQUENCE: 1  
 25 ggctcccgga cgtccctgct cctggctttt ggcctgctct gcctgccctg gcttcaagag 60  
 26 ggcagtgcct tcccaaccat tcccttatacc aggcttttg acaacgctat gctccgcgcc 120  
 27 catcgctgc accagctggc ctttgacacc taccaggagt ttgtaagctc ttgggaaatg 180  
 28 g 181  
 30 <210> SEQ ID NO: 2  
 31 <211> LENGTH: 61  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Homo sapiens  
 35 <400> SEQUENCE: 2  
 36 Gly Ser Arg Thr Ser Leu Leu Leu Ala Phe Gly Leu Leu Cys Leu Pro  
 37 1 5 10 15  
 39 Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile Pro Leu Ser Arg Leu  
 40 20 25 30  
 42 Phe Asp Asn Ala Met Leu Arg Ala His Arg Leu His Gln Leu Ala Phe  
 43 35 40 45  
 45 Asp Thr Tyr Gln Glu Phe Val Ser Ser Trp Gly Met Glu  
 46 50 55 60  
 48 <210> SEQ ID NO: 3  
 49 <211> LENGTH: 47  
 50 <212> TYPE: DNA  
 51 <213> ORGANISM: Homo sapiens  
 53 <400> SEQUENCE: 3  
 54 agtctattcc gacaccctcc aacagggagg aaacacaaca gaaatcc 47  
 56 <210> SEQ ID NO: 4  
 57 <211> LENGTH: 15  
 58 <212> TYPE: PRT  
 59 <213> ORGANISM: Homo sapiens  
 61 <400> SEQUENCE: 4  
 62 Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln Lys Ser

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66	<211>	LENGTH: 228														
67	<212>	TYPE: DNA														
68	<213>	ORGANISM: Homo sapiens														
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72	ggcagtgcct	tcccaaccat	tcccttatcc	aggcttttg	acaacgctat	gctccgcgcc	120									
73	catcgctgc	accagctggc	ctttgacacc	taccaggagt	ttgttaagctc	ttggggaaatg	180									
74	gagtttatttc	cgacacccctc	caacaggag	gaaaacacaac	agaaaatcc		228									
76	<210>	SEQ ID NO: 6														
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79	<213>	ORGANISM: Homo sapiens														
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83	1					5				10				15		
85	Trp	Leu	Gln	Glu	Gly	Ser	Ala	Phe	Pro	Thr	Ile	Pro	Leu	Ser	Arg	Leu
86						20			25				30			
88	Phe	Asp	Asn	Ala	Met	Leu	Arg	Ala	His	Arg	Leu	His	Gln	Leu	Ala	Phe
89						35			40				45			
91	Asp	Thr	Tyr	Gln	Glu	Phe	Val	Ser	Ser	Trp	Gly	Met	Glu	Ser	Ile	Pro
92						50			55				60			
94	Thr	Pro	Ser	Asn	Arg	Glu	Glu	Thr	Gln	Gln	Lys	Ser				
95	65					70				75						
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98	<211>	LENGTH: 600														
99	<212>	TYPE: DNA														
100	<213>	ORGANISM: Homo sapiens														
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103	atggctacag	gtccctgctc	ctggctttt	gcctgctct	cctgccctgg		60									
104	cttcaagagg	gcagtgcctt	cccaaccatt	cccttatcca	ggcttttga	caacgctatg	120									
105	ctccgcgcc	atcgctgc	ccagctggcc	tttgacacct	accaggagtt	ttgttaagctc	180									
106	tggggaaatgg	agtctattcc	gacaccctcc	aacaggagg	aaacacaaca	gaaatccaac	240									
107	ctagagctgc	tccgcatctc	cctgctgctc	atccagtcgt	ggctggagcc	cgtgcagttc	300									
108	ctcaggagtg	tcttcgc	cagcctgggt	tacggcgct	ctgacagacaa	cgtctatgac	360									
109	ctcctaaagg	acctagagga	aggcatccaa	acgctgatgg	ggaggctgga	agatggcagc	420									
110	ccccggactg	ggcagatctt	caagcagacc	tacagcaagt	tcgacacaaa	ctcacacacaac	480									
111	gatgacgcac	tactcaagaa	ctacgggctg	ctctactgct	tcaggaagga	catggacaag	540									
112	gtcgagacat	tcctgcgc	cgtcagtg	cgctctgtgg	agggcagctg	tggcttctag	600									
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115	<211>	LENGTH: 199														
116	<212>	TYPE: PRT														
117	<213>	ORGANISM: Homo sapiens														
119	<400>	SEQUENCE: 8														
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121	1					5			10				15			
123	Cys	Leu	Pro	Trp	Leu	Gln	Glu	Gly	Ser	Ala	Phe	Pro	Thr	Ile	Pro	Leu
124						20			25				30			

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126 Ser Arg Leu Phe Asp Asn Ala Met Leu Arg Ala His Arg Leu His Gln  
 127 35 40 45  
 129 Leu Ala Phe Asp Thr Tyr Gln Glu Phe Val Ser Ser Trp Gly Met Glu  
 130 50 55 60  
 132 Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln Lys Ser Asn  
 133 65 70 75 80  
 135 Leu Glu Leu Leu Arg Ile Ser Leu Leu Ile Gln Ser Trp Leu Glu  
 136 85 90 95  
 138 Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu Val Tyr Gly  
 139 100 105 110  
 141 Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu Glu Glu Gly  
 142 115 120 125  
 144 Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro Arg Thr Gly  
 145 130 135 140  
 147 Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn Ser His Asn  
 148 145 150 155 160  
 150 Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys Phe Arg Lys  
 151 165 170 175  
 153 Asp Met Asp Lys Val Glu Thr Phe Leu Arg Ile Val Gln Cys Arg Ser  
 154 180 185 190  
 156 Val Glu Gly Ser Cys Gly Phe  
 157 195  
 159 <210> SEQ ID NO: 9  
 160 <211> LENGTH: 522  
 161 <212> TYPE: DNA  
 162 <213> ORGANISM: Homo sapiens  
 164 <400> SEQUENCE: 9  
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 166 caccagctgg ccttgacac ctaccaggag tttgtaaat cttggggat ggagtctatt 120  
 167 ccgcacaccct ccaacaggga gaaaaacacaa cagaaatcca acctagagct gctccgcattc 180  
 168 tccctgctgc tcatccagtc gtggctggag cccgtgcagt tcctcaggag tgtttcgcc 240  
 169 aacagcctgg tgtacggcgc ctctgacagc aacgtctatg acctcctaaa ggaccttagag 300  
 170 gaaggcatcc aaacgctgat ggggaggctg gaagatggca gccccccggac tgggcagatc 360  
 171 ttcAACGAGA cctacagcaa gttcgacaca aactcacaca acgatgacgc actactcaag 420  
 172 aactacgggc tgctctactg cttcaggaag gacatggaca aggtcgagac attcctgcgc 480  
 173 atcgtgcagt gcccgtctgt ggagggcagc tgtggcttct ag 522  
 175 <210> SEQ ID NO: 10  
 176 <211> LENGTH: 173  
 177 <212> TYPE: PRT  
 178 <213> ORGANISM: Homo sapiens  
 180 <400> SEQUENCE: 10  
 181 Phe Pro Thr Ile Pro Leu Ser Arg Leu Phe Asp Asn Ala Met Leu Arg  
 182 1 5 10 15  
 184 Ala His Arg Leu His Gln Leu Ala Phe Asp Thr Tyr Gln Glu Phe Val  
 185 20 25 30  
 187 Ser Ser Trp Gly Met Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu  
 188 35 40 45  
 190 Thr Gln Gln Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu  
 191 50 55 60

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193 Ile Gln Ser Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala  
194 65 70 75 80  
196 Asn Ser Leu Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu  
197 85 90 95  
199 Lys Asp Leu Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp  
200 100 105 110  
202 Gly Ser Pro Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe  
203 115 120 125  
205 Asp Thr Asn Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu  
206 130 135 140  
208 Leu Tyr Cys Phe Arg Lys Asp Met Asp Lys Val Glu Thr Phe Leu Arg  
209 145 150 155 160  
211 Ile Val Gln Cys Arg Ser Val Glu Gly Ser Cys Gly Phe  
212 165 170  
214 <210> SEQ ID NO: 11  
215 <211> LENGTH: 37  
216 <212> TYPE: DNA  
217 <213> ORGANISM: Artificial Sequence  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: Primer GCP Forward  
222 <400> SEQUENCE: 11  
223 ggggacaagt ttgtacaaaa aaggcaggctt cgccacc 37  
225 <210> SEQ ID NO: 12  
226 <211> LENGTH: 51  
227 <212> TYPE: DNA  
228 <213> ORGANISM: Artificial Sequence  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: Primer GCP Reverse  
233 <400> SEQUENCE: 12  
234 ggggaccact ttgtacaaga aagctgggtt tcaatggta tggtatggg g 51  
236 <210> SEQ ID NO: 13  
237 <211> LENGTH: 40  
238 <212> TYPE: DNA  
239 <213> ORGANISM: Artificial Sequence  
241 <220> FEATURE:  
242 <223> OTHER INFORMATION: Primer INSP101-B1P-5'-F  
244 <400> SEQUENCE: 13  
245 gcaggcttcg ccaccatggc tacaggctcc cggacgtccc 40  
247 <210> SEQ ID NO: 14  
248 <211> LENGTH: 50  
249 <212> TYPE: DNA  
250 <213> ORGANISM: Artificial Sequence  
252 <220> FEATURE:  
253 <223> OTHER INFORMATION: Primer INSP101-5'-R  
255 <400> SEQUENCE: 14  
256 tagactccat tccccaaagag cttacaaact cctggtaggt gtcaaaggcc 50  
258 <210> SEQ ID NO: 15  
259 <211> LENGTH: 51  
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261 <213> ORGANISM: Artificial Sequence  
263 <220> FEATURE:  
264 <223> OTHER INFORMATION: Primer INSP101-3'-F  
266 <400> SEQUENCE: 15  
267 agagttgt aagctcttgg ggaatggagt ctattccgac accctccaac a 51  
269 <210> SEQ ID NO: 16  
270 <211> LENGTH: 39  
271 <212> TYPE: DNA  
272 <213> ORGANISM: Artificial Sequence  
274 <220> FEATURE:  
275 <223> OTHER INFORMATION: Primer INSP101-3'-R  
277 <400> SEQUENCE: 16  
278 gtgatggta tggtgctaga agccacagct gccctccac 39  
280 <210> SEQ ID NO: 17  
281 <211> LENGTH: 36  
282 <212> TYPE: DNA  
283 <213> ORGANISM: Artificial Sequence  
285 <220> FEATURE:  
286 <223> OTHER INFORMATION: Primer INSP101-mut-F  
288 <400> SEQUENCE: 17  
289 gggcagctgt ggctccacc atcaccatca ccattg 36  
291 <210> SEQ ID NO: 18  
292 <211> LENGTH: 37  
293 <212> TYPE: DNA  
294 <213> ORGANISM: Artificial Sequence  
296 <220> FEATURE:  
297 <223> OTHER INFORMATION: Primer INSP101-mut-R  
299 <400> SEQUENCE: 18  
300 aatggtgatg gtgatggta aagccacagc tgccctc 37  
302 <210> SEQ ID NO: 19  
303 <211> LENGTH: 20  
304 <212> TYPE: DNA  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: Primer pEAK12-F  
310 <400> SEQUENCE: 19  
311 gccagcttg cacttgatgt 20  
313 <210> SEQ ID NO: 20  
314 <211> LENGTH: 20  
315 <212> TYPE: DNA  
316 <213> ORGANISM: Artificial Sequence  
318 <220> FEATURE:  
319 <223> OTHER INFORMATION: Primer pEAK12-R  
321 <400> SEQUENCE: 20  
322 gatggagggtg gacgtgtcag 20  
324 <210> SEQ ID NO: 21  
325 <211> LENGTH: 18  
326 <212> TYPE: DNA  
327 <213> ORGANISM: Artificial Sequence

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/537,142

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Input Set : A:\Nov05.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date